

Proposed Bicycle Transit Center

Union Station, Washington DC



District Department of Transportation

d.

KGP Design Studio
Parsons Transportation Group
bikestation

Bicycle Transit Facilities : An Overview



Bike Parking Facility - Tokyo, Japan



Interior Bike Parking Facility –Tokyo, Japan



Bike Parking Facility - Maihara, Japan



Interior-Maihara, Japan



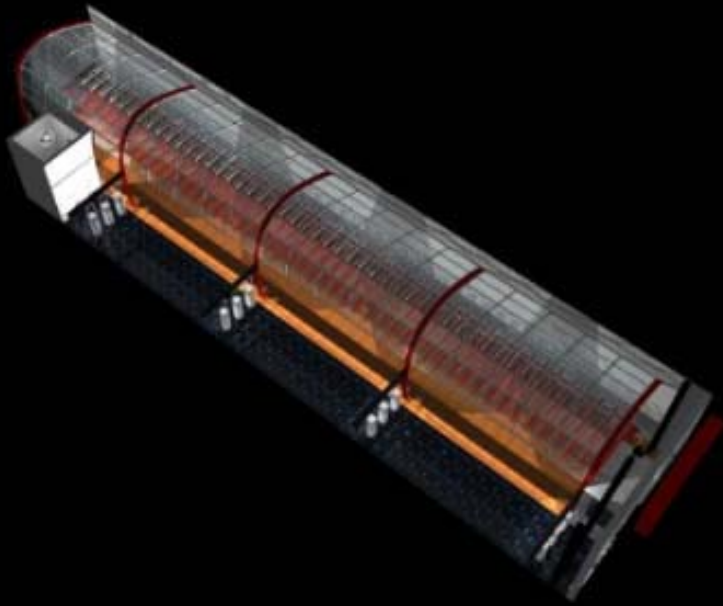
Bike Facility - Amsterdam



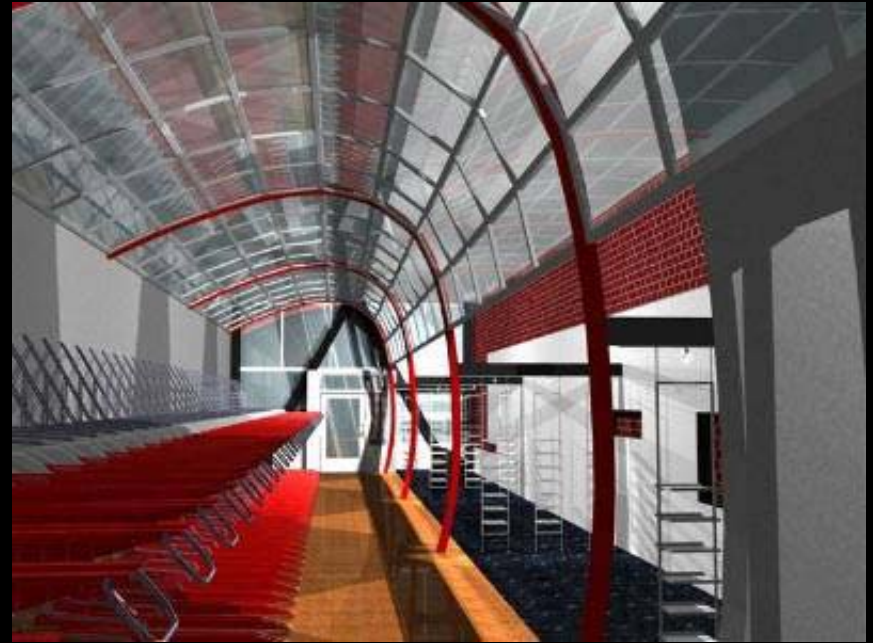
Bike Facility - Amsterdam



Bike Facility - Amsterdam



Proposed Facility - Seattle



Proposed Facility- Seattle



Seattle Storefront Facility



Seattle Storefront Facility -Interior



Millennium Park, Chicago



Millennium Park, Interior



Millennium Park, Dressing Area

Union Station





View From Southwest



South Colonnade on Axis with Post Office



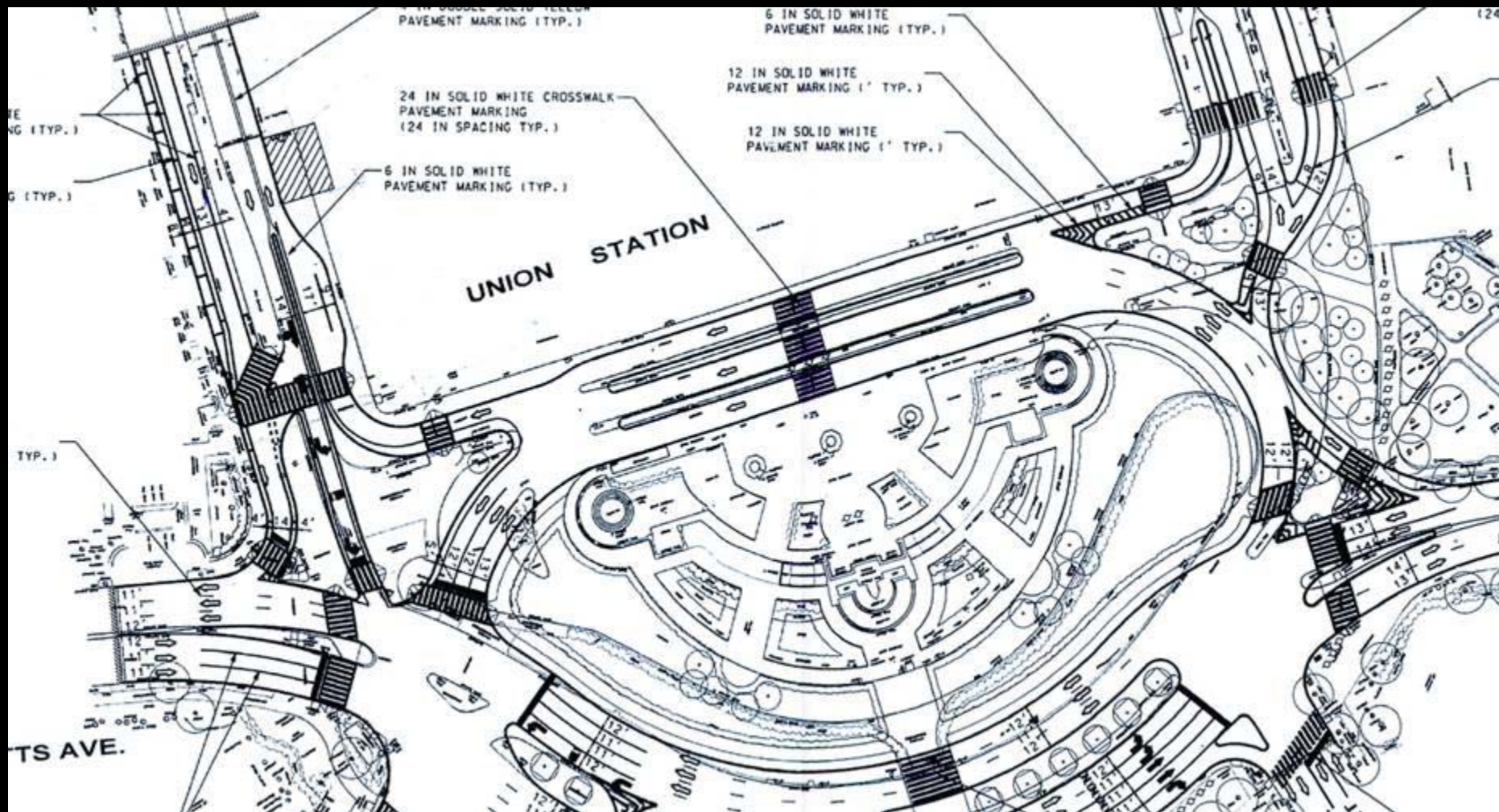
Retaining Wall and Lamps at First St.



West Portico - Metro Entrance

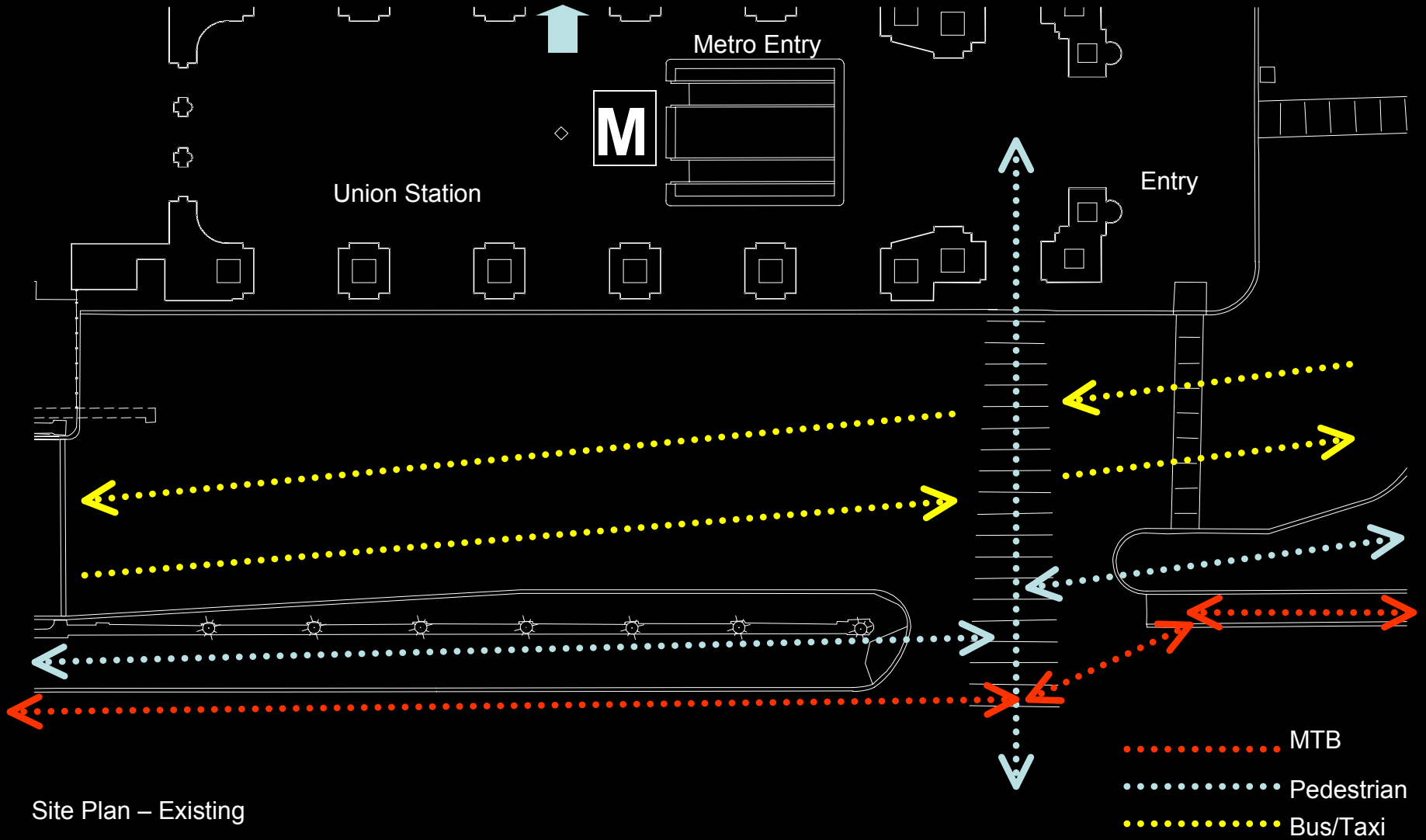


View to Bookstore



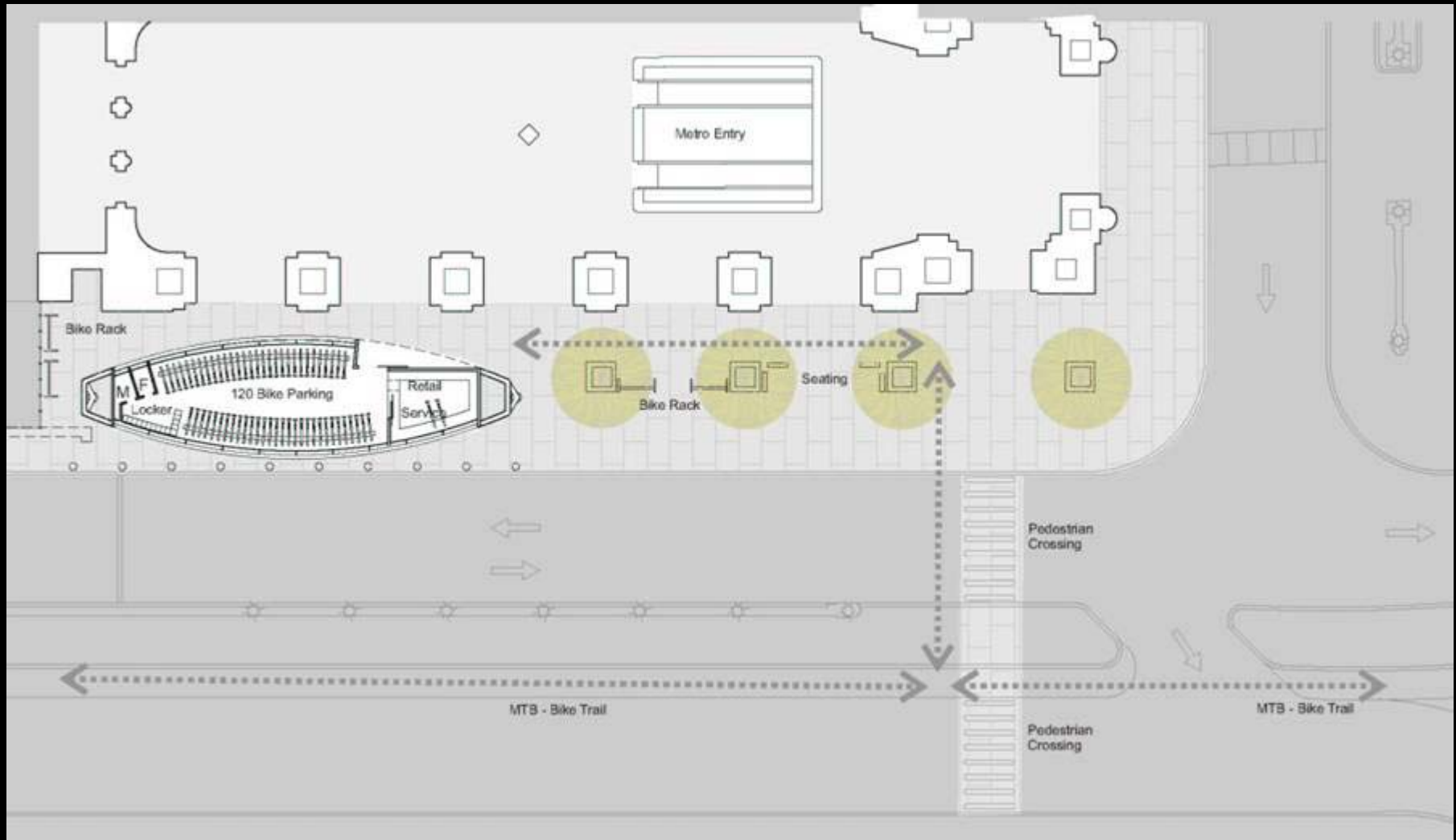
Columbus Plaza

Alternative Site Plans and Sections

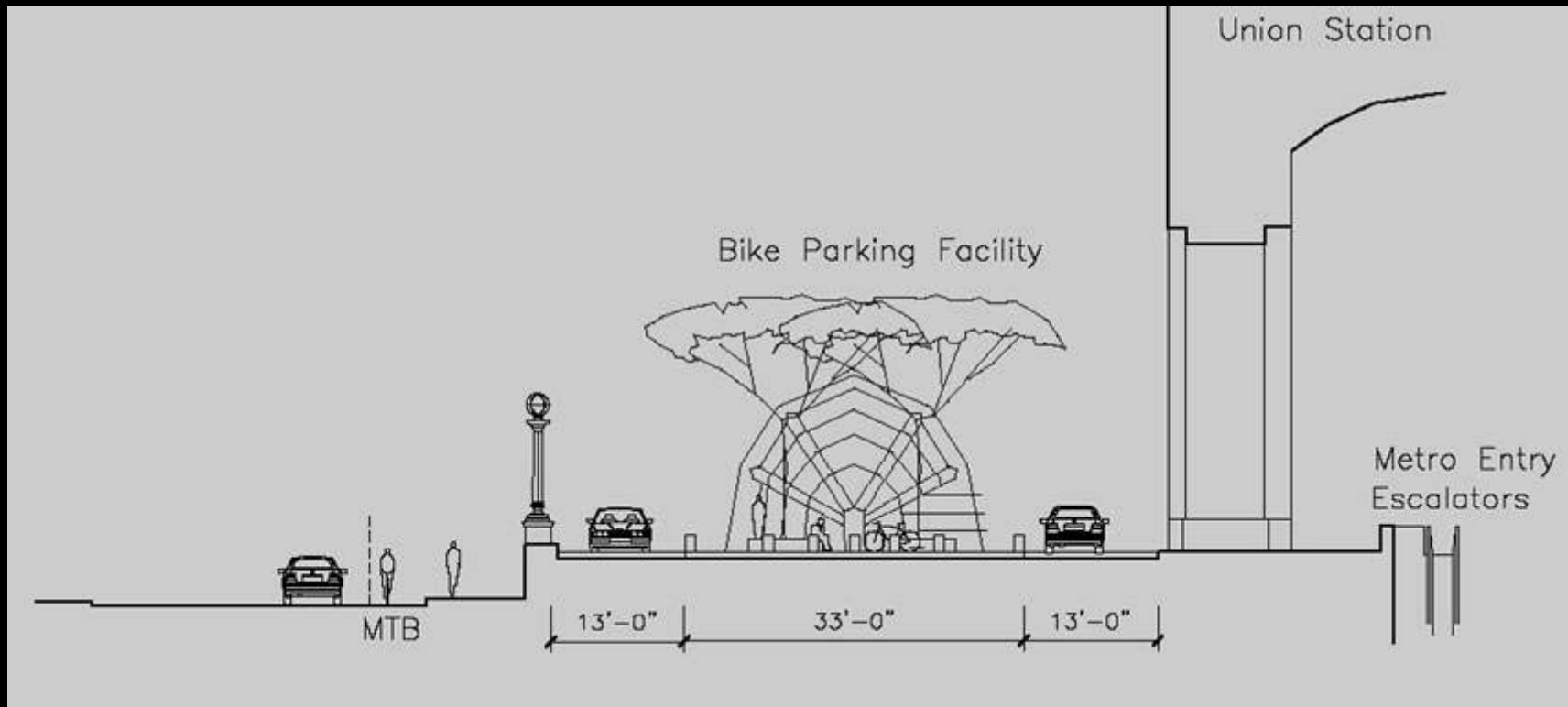




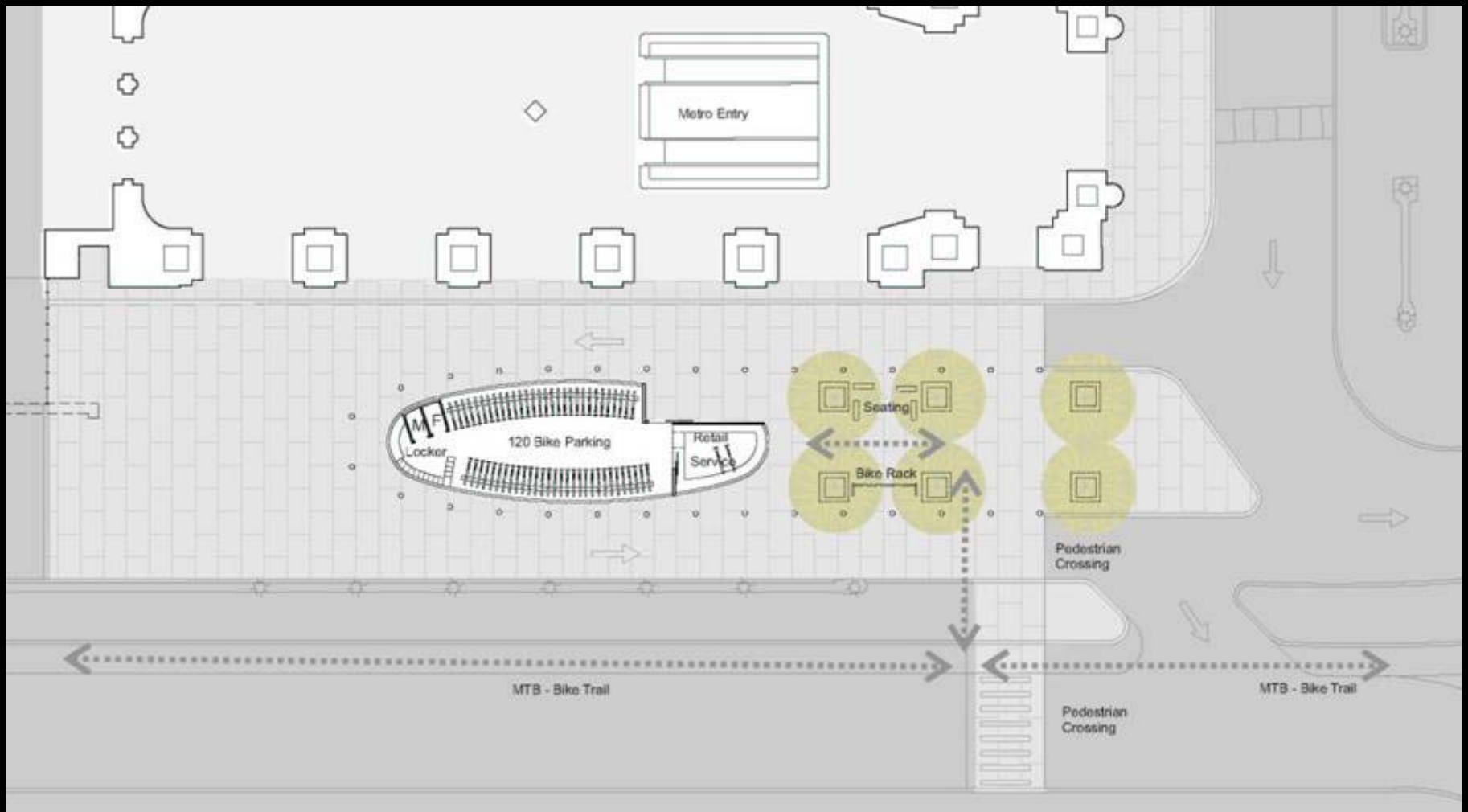
Section – Alternative 1



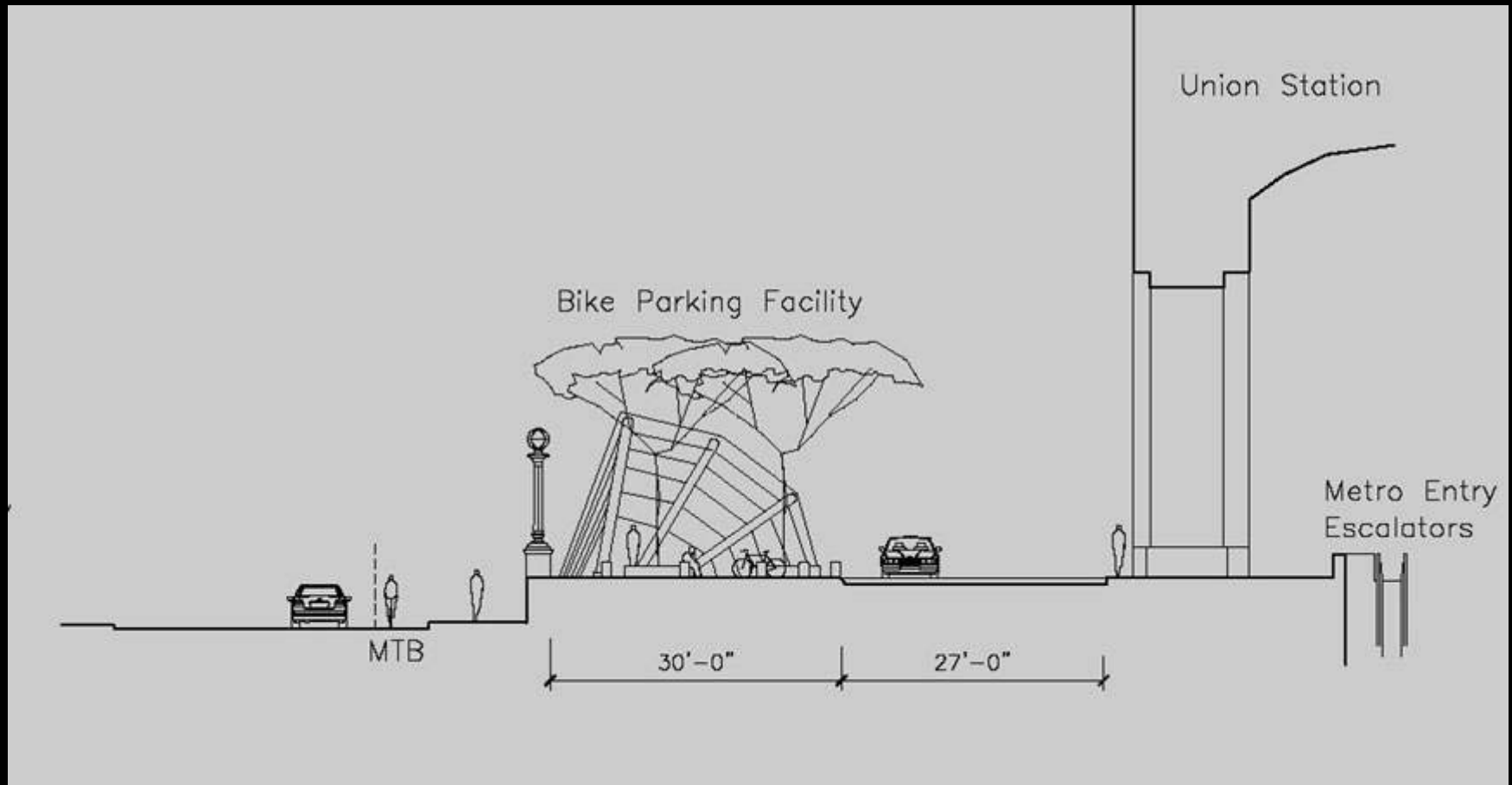
Site Plan – Alternative 1



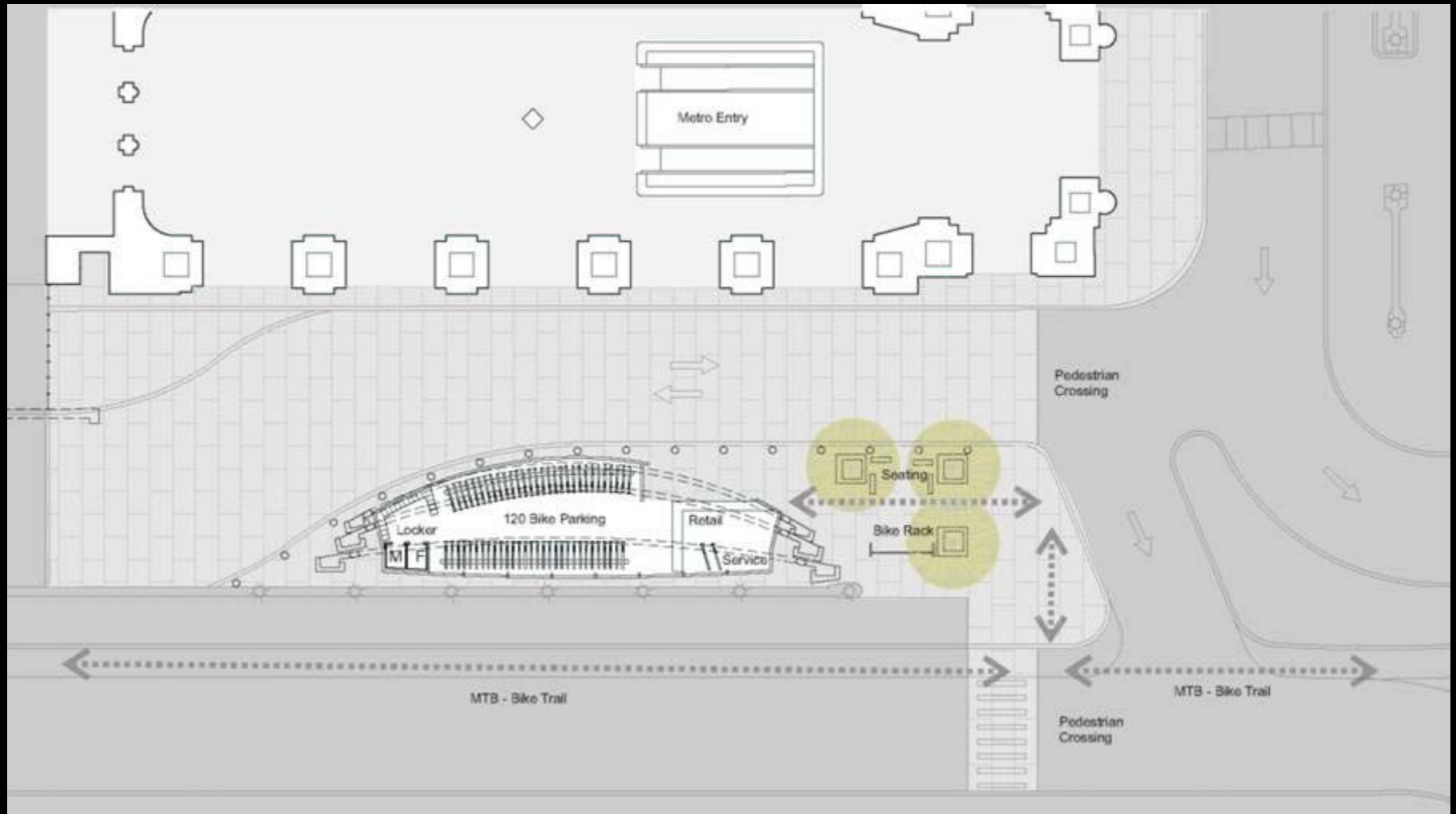
Section – Alternative 2



Site Plan – Alternative 2



Section – Alternative 3



Site Plan – Alternative 3

Design Precedents



Louvre, France



Underground Entry, London



Underground Entry, Canary Wharf, London



Old Post Office, Washington DC



Folk Life Festival, National Mall, Washington DC



Natl. Gallery, Washington DC



Dept. of Commerce, Washington DC



Pentagon Transit Facility, Washington DC



Metro Entry, Washington DC

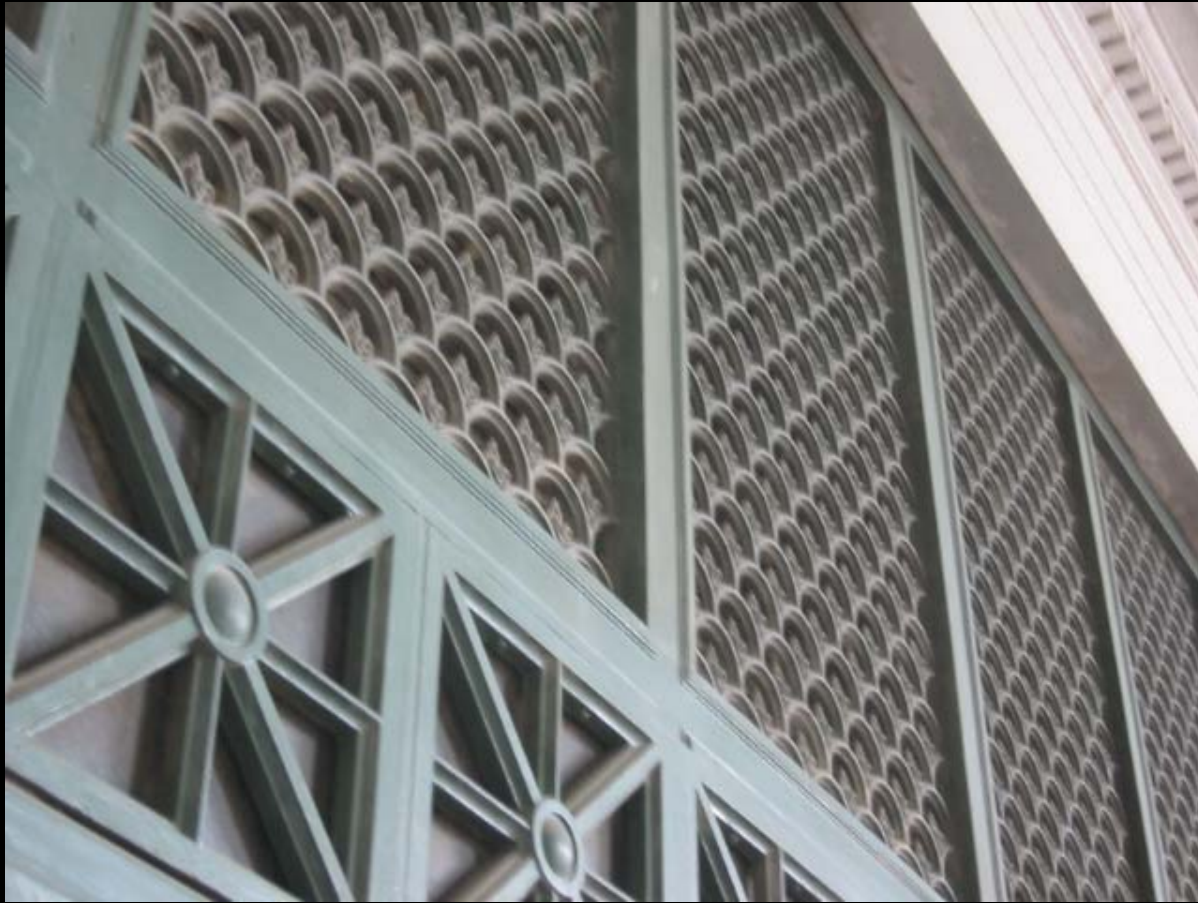
Design Precedents – Union Station



Vaulted Skylight



Vault @ Train Room



Screen Detail

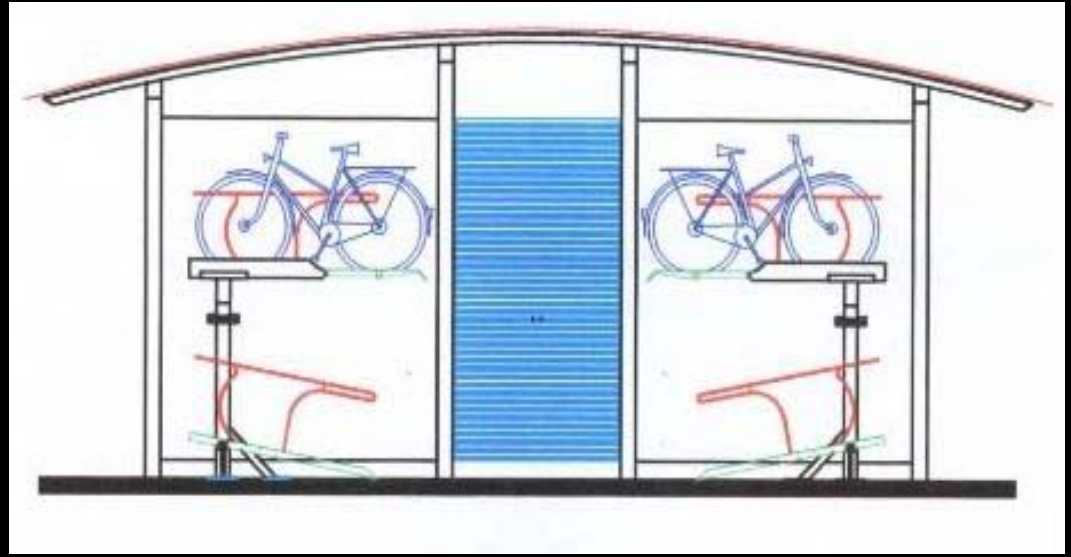


Lamp Detail along First Street

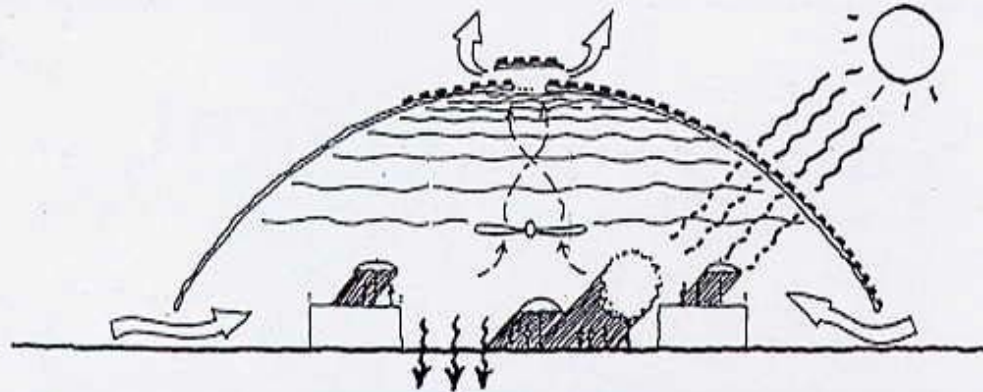
Design References and Issues



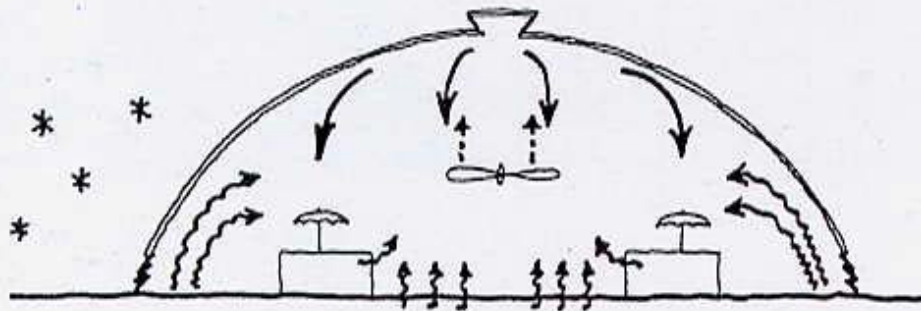
Dual Parking System



Section

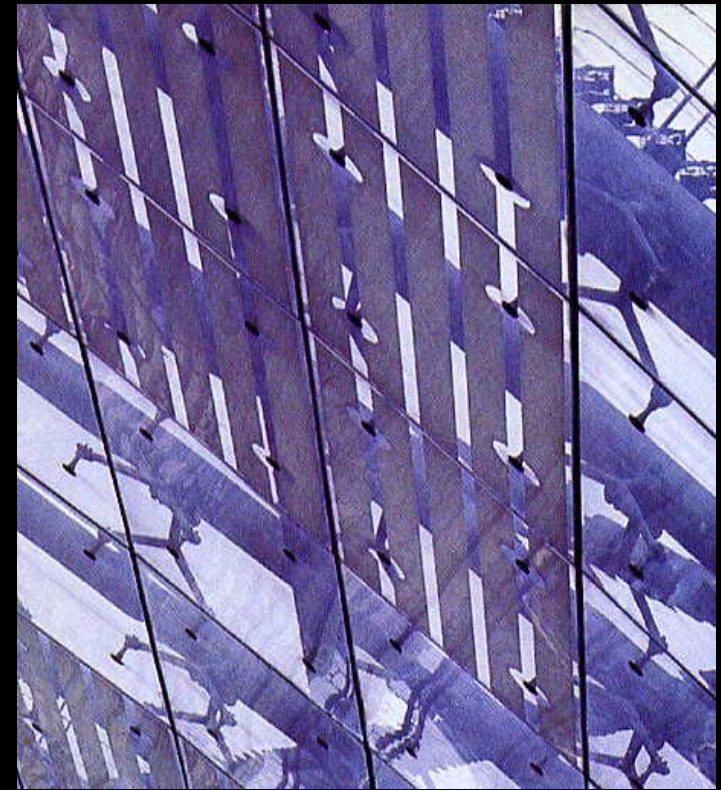


Summer

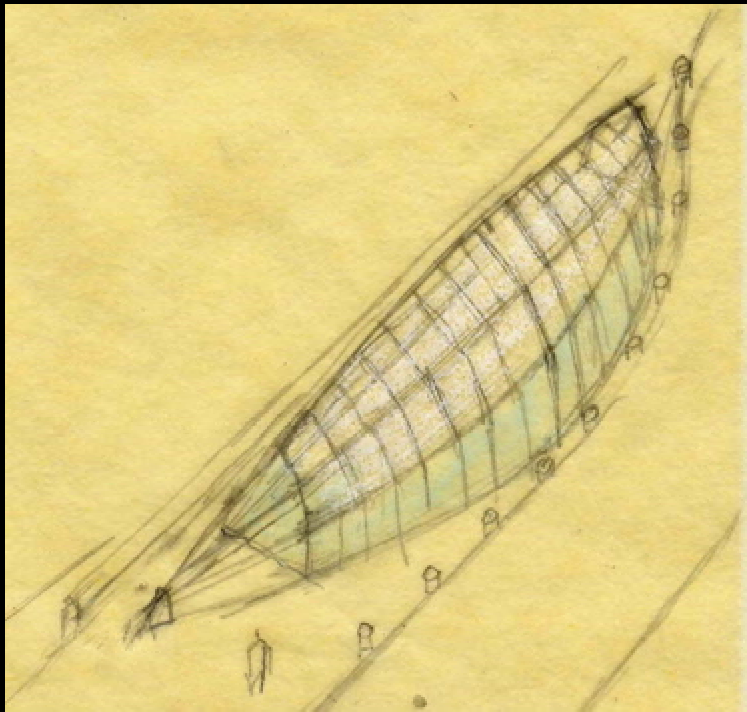


Winter

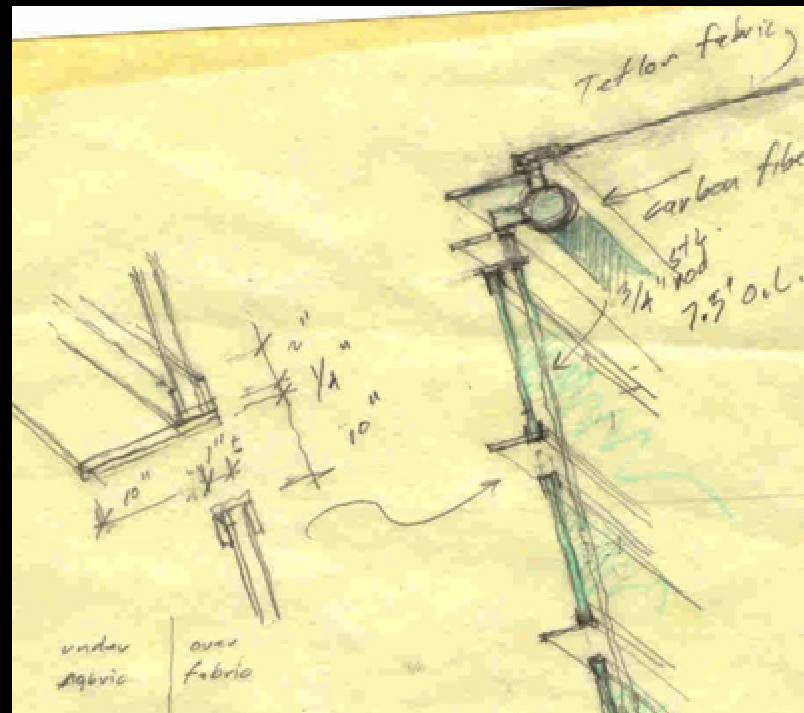
Passive Systems Respond to Seasonal Changes



Louvers to control Heat Gain



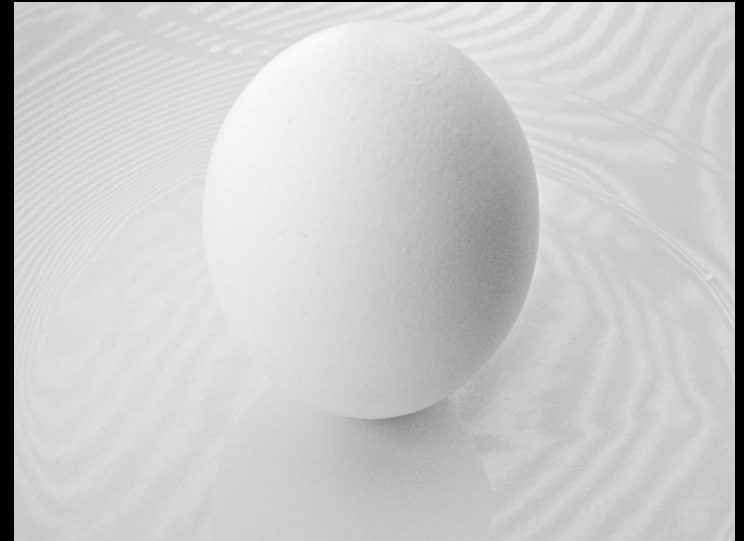
Minimal Tapered Profile



Suspended Glazing-Louver



Form and Characteristics



Light and Efficient Structure



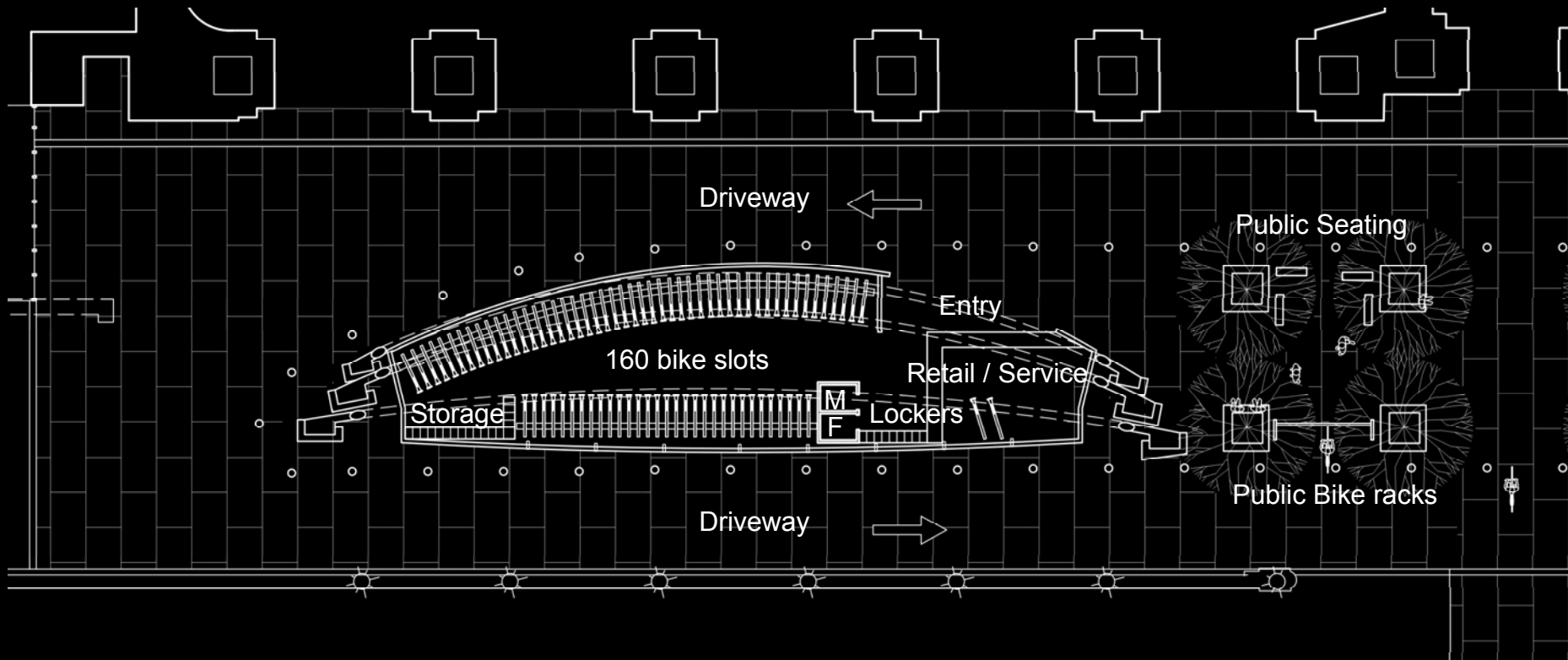
Efficiency of Structure



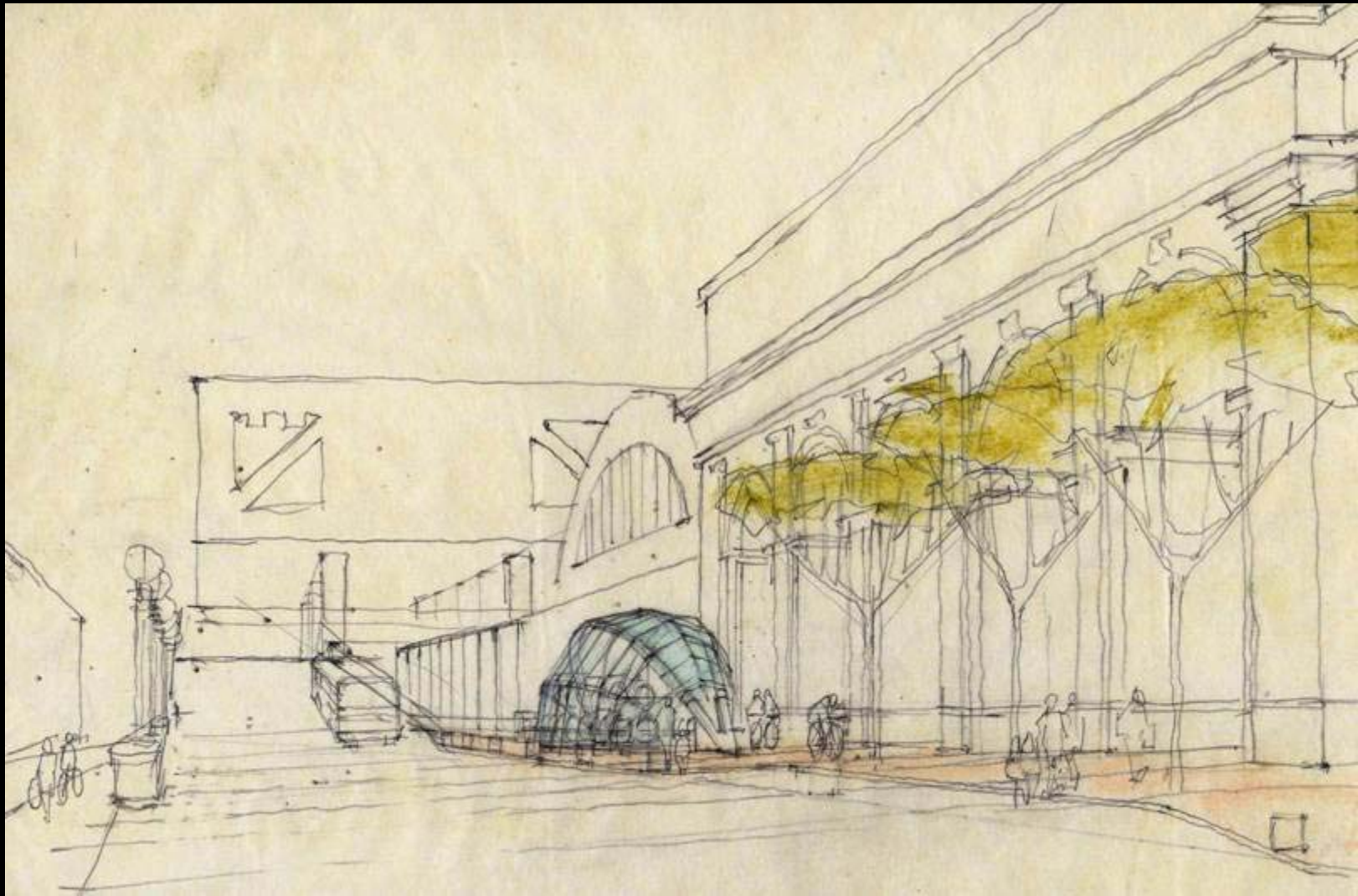
Efficiency of Structure

Preliminary Plan

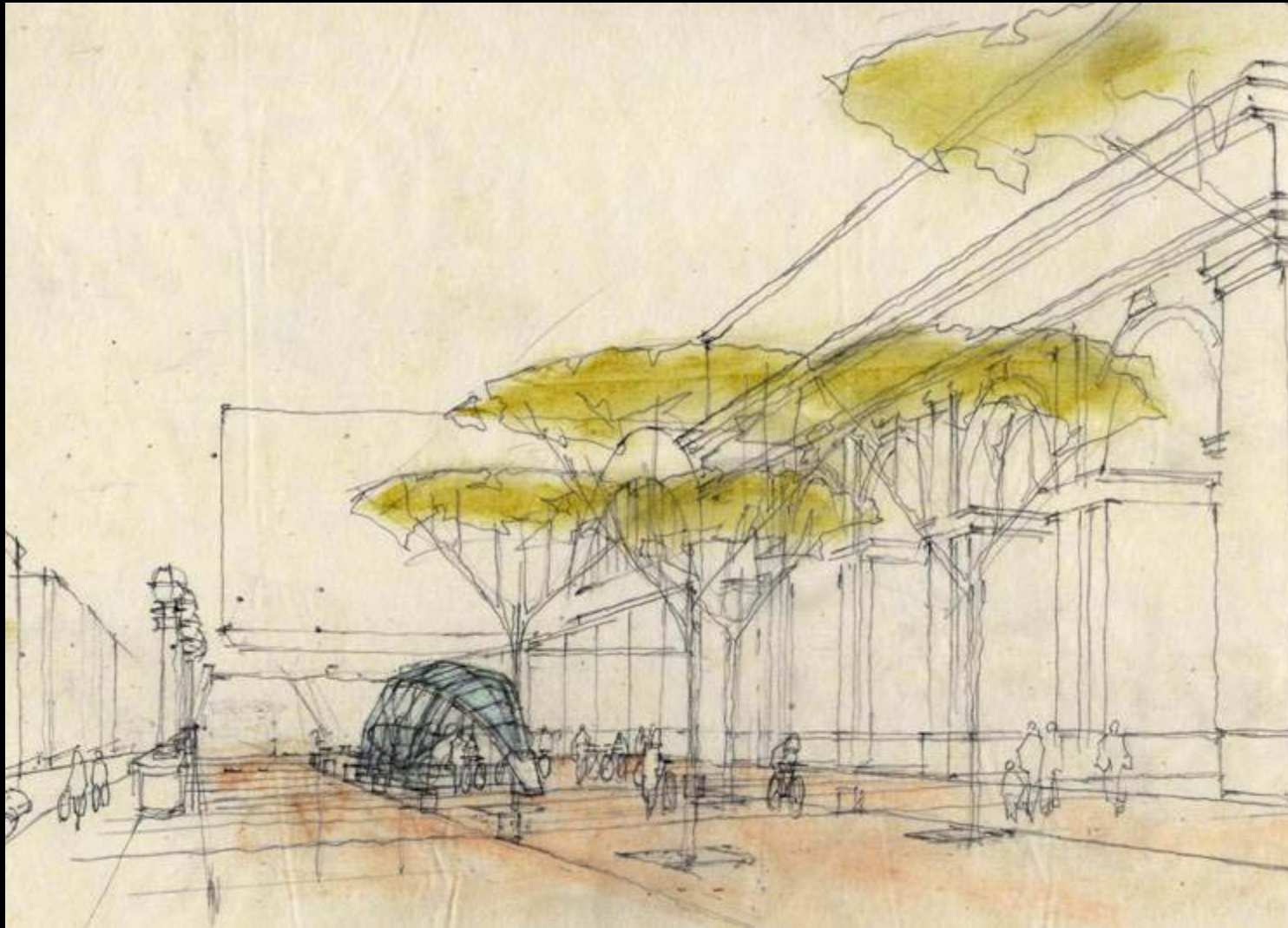
Union Station



Perspectives



Perspective – Alternative 1



Perspective – Alternative 2



Perspective – Alternative 3

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